

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

Attorney Docket No.: 47113-5096

To the Commissioner for Patents
Please record the attached original documents or copy thereof.

ATTN: MAIL STOP ASSIGNMENT RECORDATION SERVICES

1. Name of conveying party(ies):

(1) Pierre RAVAT

Additional names of conveying party(ies) attached?

Yes No

2. Name and address of receiving party(ies):

Name: Sandvik Intellectual Property AB

Address: SE-811 81 Sandviken, Sweden

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: (1) August 28, 2006

Additional name(s) & address(es) attached?

Yes No

4. New Application number(s) or patent number(s):

If this document is being filed together with a new application the execution date of the application is:

A. Patent Application No.(s) 10/590,356

B. Patent No.(s)

Additional numbers attached: Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Ronald L. Grudziecki

Internal Address: DRINKER BIDDLE & REATH LLP
Customer No. 55694

Street Address: 1500 K. Street, N.W., Suite 1100
City: Washington State: D.C. Zip: 20005-1209

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41): \$40.00

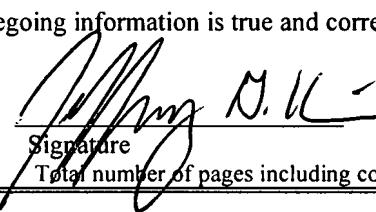
Enclosed
 Authorized to be charged to Deposit Account 50-0573

8. Deposit Account No. 50-0573
(Attach duplicate page if paying by deposit account)

9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jeffrey G. Killian, Reg. No. 50,891
Name of Person Signing


Signature

June 14, 2007

Date

Total number of pages including cover sheet, attachments and documents: 2

06/18/2007 GFREY1 00000045 10590356

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ATTORNEY DOCKET NO.: 47113-5096-00-US
SOLE/Joint INVENTION
(Worldwide Rights)
Page 1 of 1

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

SINGLE PASS DRILLING APPARATUS, USE A ONE-PIECE DRILL BIT, METHOD AND ROCK BOLT FOR SINGLE PASS ROCK BOLTING

for which I/WE executed an application for United States Letters Patent concurrently herewith; or on August 23, 2006; or filed an application of United States Letters Patent on _____, (Application No. _____); and

WHEREAS Sandvik Intellectual Property AB, a corporation of Sweden, whose post office address is S-811 81 Sandviken, Sweden (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application of United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

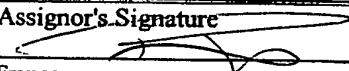
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent of this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/WE have the full right to convey the interest assigned by this Assignment, and I/WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to ME/US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. _____, filed August 23, 2006) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of Sole or First Assignor Pierre RAVAT	Assignor's Signature 	Date July 19, 2006
Address: 4 Rue du Puits Fattin, F-01360 Loyettes, France		Citizenship France

Names of additional inventors attached Yes No